

What is claimed is:

00974992, 100504  
100504, 20072600

1. A method of modulating a cytokine mediated hepatic injury response in a mammal comprising administering compound-D SEQ ID NO:1 to the mammal in a pharmaceutically acceptable formulation.
2. The method of claim 1 wherein said compound is administered prior to said response.
3. The method of claim 1 wherein said compound is administered subsequent to said response.
4. The method of claim 1 wherein said compound is administered substantially concurrently with said response.
5. The method of claim 1 wherein said compound is administered in the formulation selected from the group consisting of a solution, an emulsion and a suspension.
6. The method of claim 1 wherein said compound is administered parenterally.
7. The method of claim 1 wherein said compound is administered at a concentration in the range of about 0.5 mg/kg to about 20 mg/kg.

8. A method for treating hepatic injury in a mammal by a chemical toxin comprising administering a pharmaceutically effective concentration of compound-D SEQ ID NO:1.

9. The method of claim 8 wherein the chemical toxin is selected from the group consisting of ethanol, lead, cadmium, carbon tetrachloride, and acetaminophen.

10. The method of claim 8 wherein the chemical toxin is selected from the group consisting of ethanol, lead, cadmium, carbon tetrachloride, and acetaminophen.

10. A method for treating a bacterial or viral infection related hepatic injury in a mammal comprising administering a pharmaceutically effective concentration of compound-D SEQ ID NO:1.

11. The method of claim 10 wherein the bacterial or viral infection is caused by an organism selected from the group consisting of *Staphylococcus* species, *Streptococcus* species, *Neisseria* species, *Salmonella* species, *Shigella* species, *Escherichia coli*, *Clostridium perfringens*, *Klebsiella* species,

5 *Proteus* species, *Enterobacter* species, *Bacteroides* species, *Brucella* species, *Francisella tularensis*, *Listeria monocytogenes*, *Acinetobacter* species, *Streptobacillus moniliformis*, *Vibrio* species, *Helicobacter pylori*, *Pseudomonas* species, *Haemophilus* species, *Bordetella pertussis*, influenza viruses, adenoviruses, paramyxoviruses, rubella viruses, polioviruses, hepatitis viruses,  
10 herpesviruses, rabies viruses, human immunodeficiency viruses and papilloma viruses.